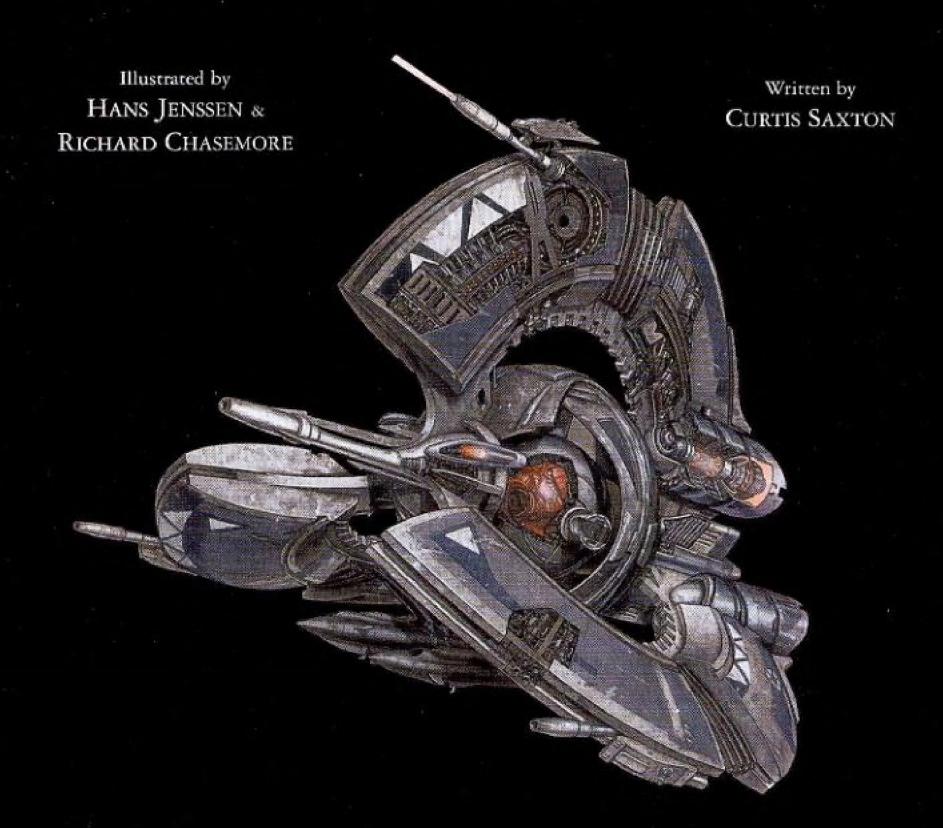


REVENGE OF THE SITH

INCREDIBLE CROSS-SECTIONS





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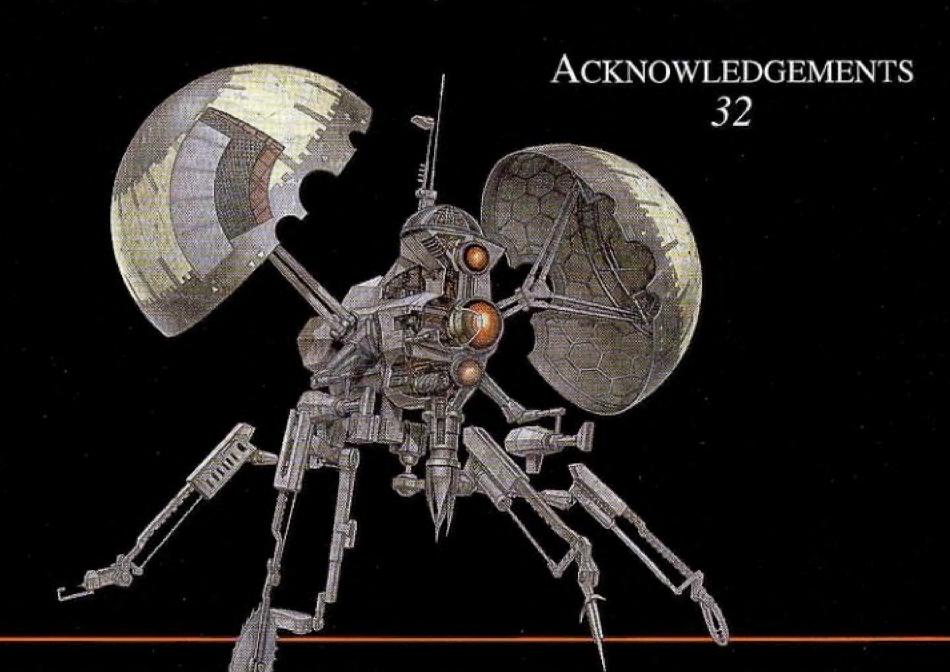
UTAPAUN P-38 FIGHTER

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INTRODUCTION

THE CLONE WARS have escalated into a cataclysmic conflict, thousands of times vaster than the opening battle on L Geonosis. Most of the Republic's Jedi Knights and clone troops are engaged in desperate campaigns across the galaxy. The Separatist movement, now known as the Confederacy of Independent Systems, is encircling the crumbling Galactic Republic, building strongholds in weak Outer Rim sectors and advancing ever-nearer to the star systems of the Galactic Core. However, neither side is aware that their leaders are secretly in league with each other. The Republic's Supreme Chancellor Palpatine is really the Sith Lord Darth Sidious, and his apprentice is Darth Tyranus, otherwise known as Count Dooku, the leader of the Separatists. Sidious is merely playing for time until he is ready to replace Tyranus with a new, more powerful apprentice, who will help him to achieve his ultimate aim: utter subjugation of the galaxy under Sith rule and the formation of a merciless new order—the Galactic Empire.

TECHNOLOGY

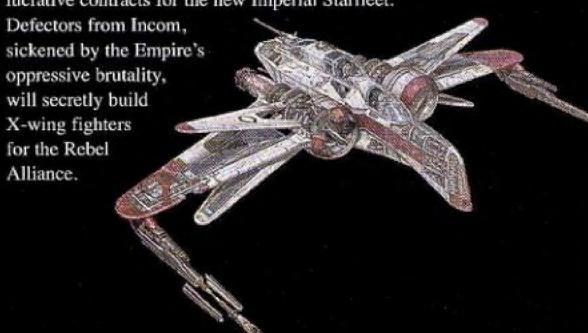
CONFEDERACY OF INDEPENDENT SYSTEMS

Separatist vehicles are financed by business powers such as the Trade Federation, InterGalactic Banking Clan, and Techno Union. These organizations source war machines with integrated droid brains from the most savage and unpredictable alien manufacturers, including Colla Designs, Phlac-Arphoce Automata, and Baktoid Industries. The design of these weapons-laden vehicles often reflect the manufacturing species' fearsome physical appearances, such as the menacing, insectoid shape of Phlac-Arphocc's droid gunship. As few organizations choose



GALACTIC REPUBLIC

The teetering government of the Galactic Republic desperately spends its waning wealth on grand armies and fleets to defend its territorial unity. New, agile starfighters such as Kuat System Engineering's Jedi Interceptors and Incom/Subpro's ARC-170s and V-wings, enable the Republic to counter the Separatist threat. Powerful Kuat-designed Venator-class Star Destroyers function as starfighter-carriers for the valiant Jedi and clone pilots. In the years to come, Kuat will secure lucrative contracts for the new Imperial Starfleet.



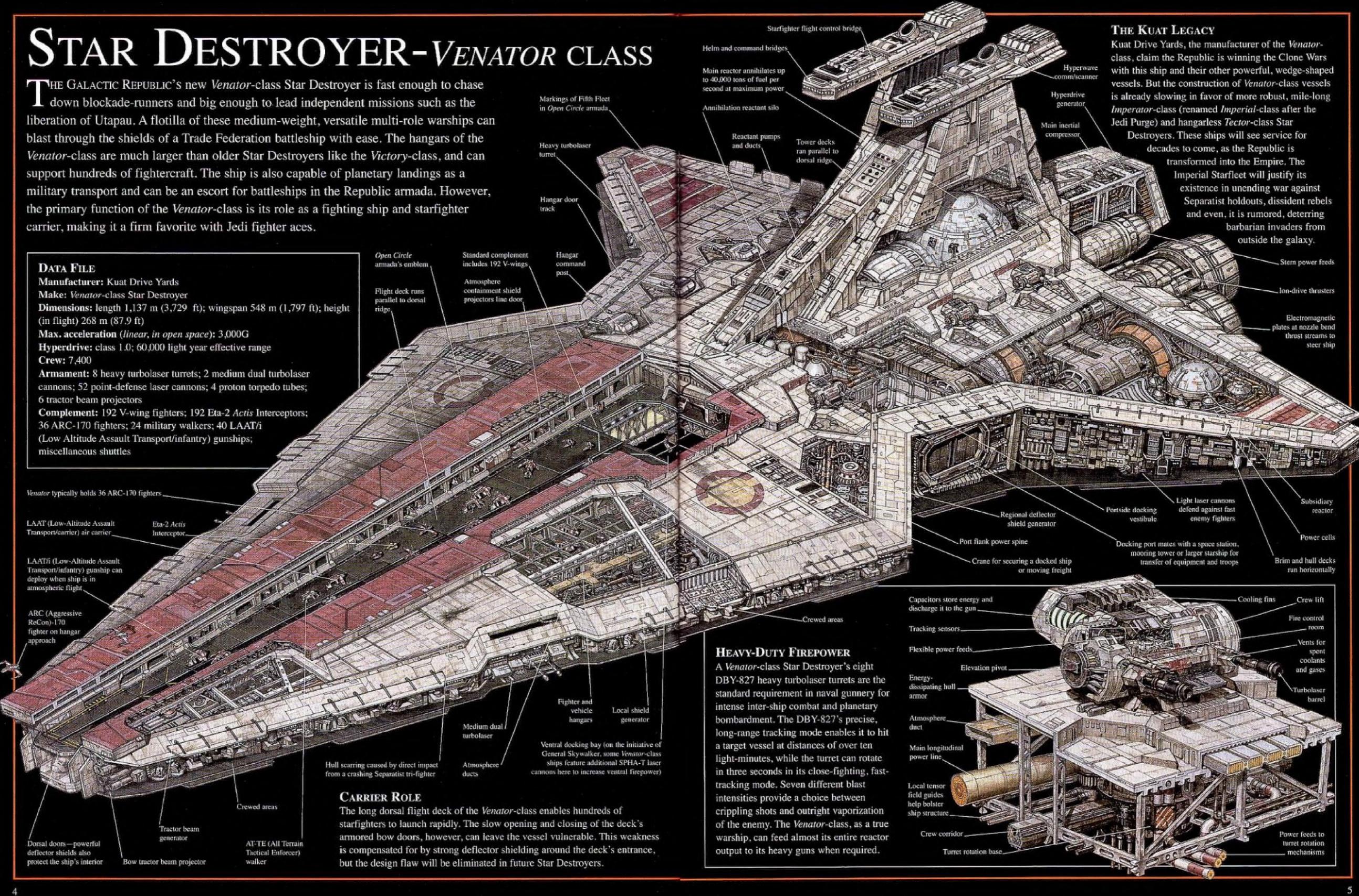
SPECIALIZED VEHICLES

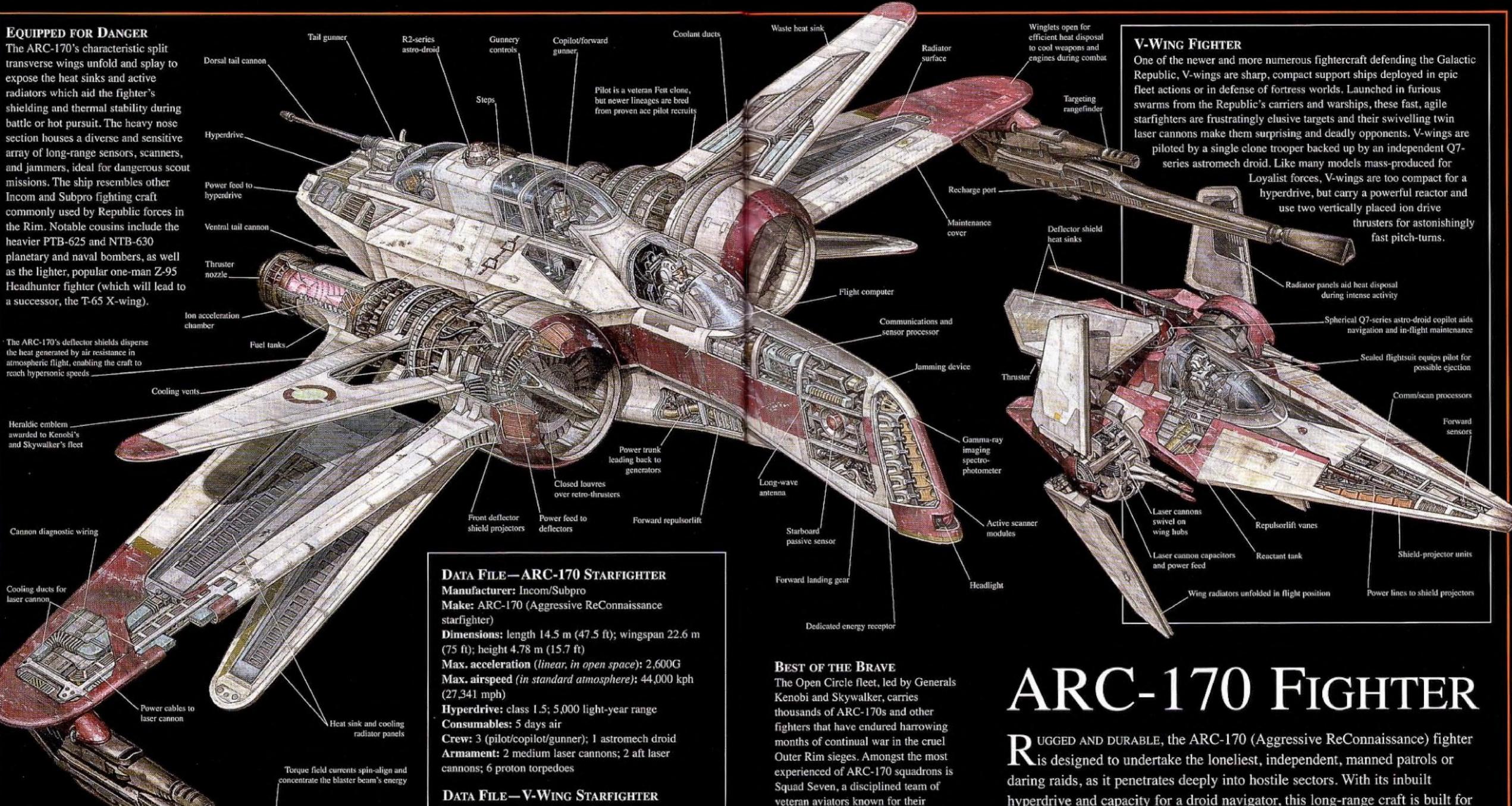
Separatist warlords and other powerful, wealthy individuals often commission specialist manufacturers to create personalized vehicles to meet very specific requirements. The cyborg General Grievous, commander of the Confederacy's droid armies, has a range of lethal and highly effective customized transports that enable him to lead his troops into battle in any environment. On Utapau he uses a modified wheel



NATIVE TECHNOLOGY The Clone Wars have created chaos and increased restrictions on business. This has forced many worlds to become reliant on their own self-made vehicles. The Utapauns fly tough, well-armed P-38 starfighters manufactured by the planet's Buuper Torsckil Abbey Devices company. The Wookiees of Kashyyyk defend their homeworld against Separatist invasion using speedy, jetpropelled catamarans built by the native Appazanna Engineering Works. Staunch defenders of the Republic, this long-

lived species of dedicated Loyalists will be repaid with their enslavement under Imperial rule.





unwavering courage. Squad Seven are

clones of Jango Fett, the bounty hunter

who was the genetic model for the first

clone troops. However, an increasing

rigorously selected volunteers. Over

accomplished volunteer aces will be

lineages, and distinguished with all-

honored as stock for new clone

number of units are formed from

the coming years, the most

black dress uniforms.

Manufacturer: Kuat Systems Engineering

(32,312 mph)

Hyperdrive: none

Consumables: 15 hours air

Crew: 1 pilot and 1 astromech droid

Armament: 2 twin laser cannons

Muzzle can internally tilt

the beam a few degrees

off-axis for precise aim

Make: Alpha-3 Nimbus "V-wing" starfighter

Dimensions: length 7.9 m (26 ft); width 3.8 m

(12.5 ft); height with open wings 5.84 m (19 ft)

Max. acceleration (linear, in open space): 4,800G

Max. airspeed (in standard atmosphere): 52,000 kph

Rugged and designed to undertake the loneliest, independent, manned patrols or daring raids, as it penetrates deeply into hostile sectors. With its inbuilt hyperdrive and capacity for a droid navigator, this long-range craft is built for days of unsupported interstellar missions, which vitally extends the reach of the Jedi and their starfleet beyond warships and carrier-dependent fighters. The ARC-170's main laser cannons are uncommonly large and blazingly effective against larger opponents. Robust armor, shields, and tail guns improve the odds of survival when the ship is surrounded by dozens or even hundreds of light, evasive droid fighters. When they're piloted into battle amid agile V-wings and Jedi Interceptors, the heavy-punching ARC-170 squadrons complete a formidable strike-force mix.

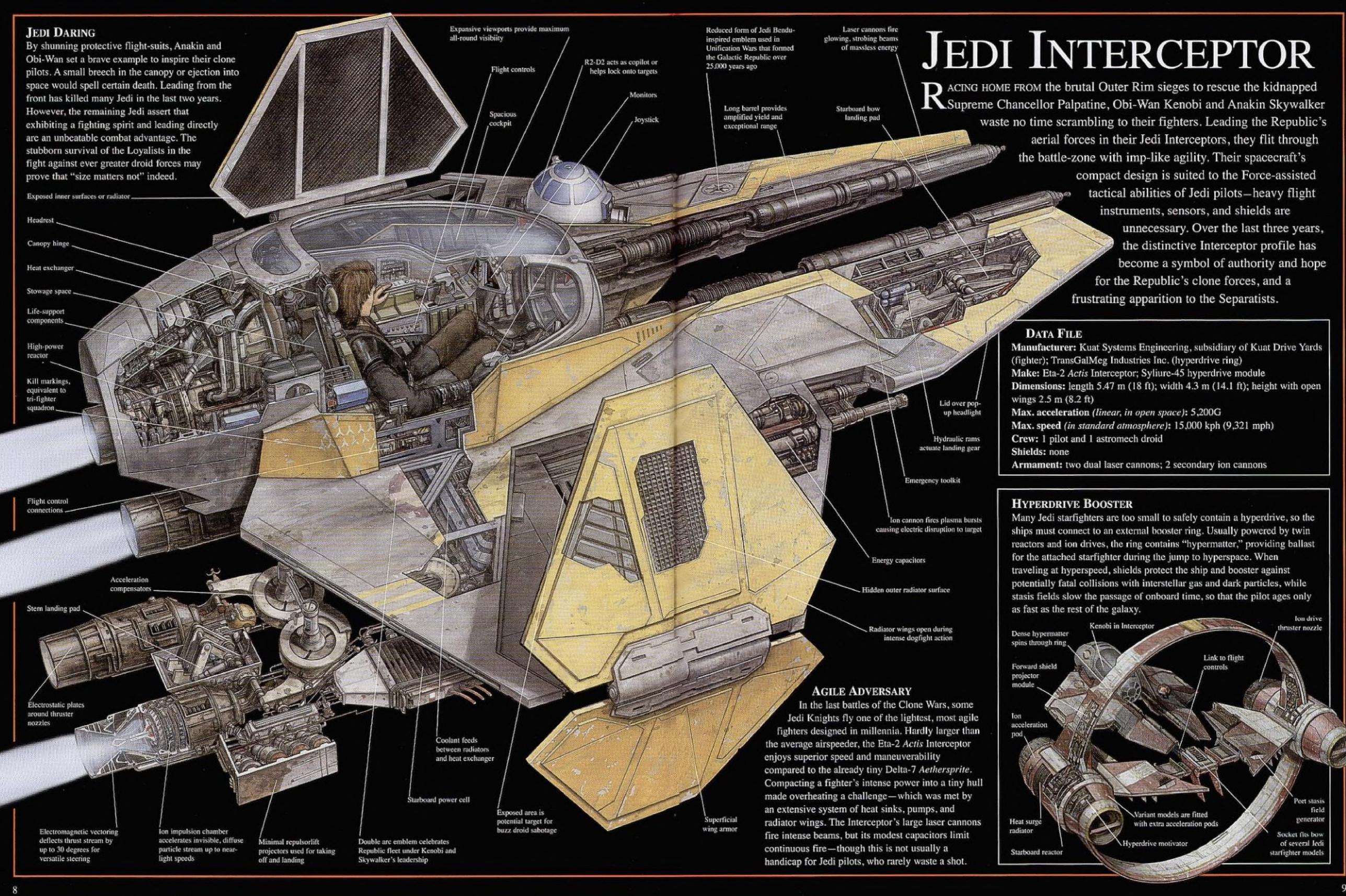
Layers of superconductor and

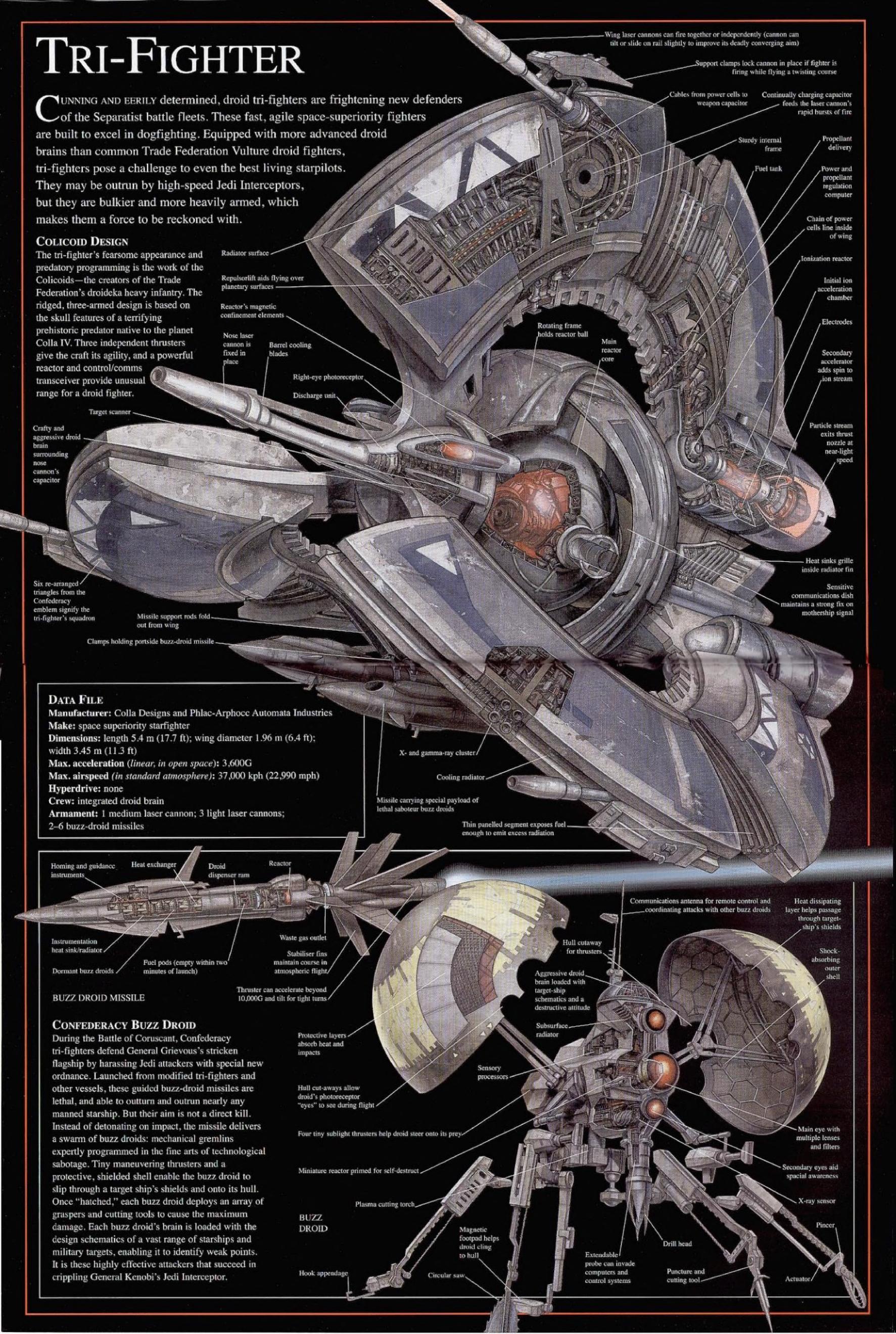
nano-ducts for tibanna coolant

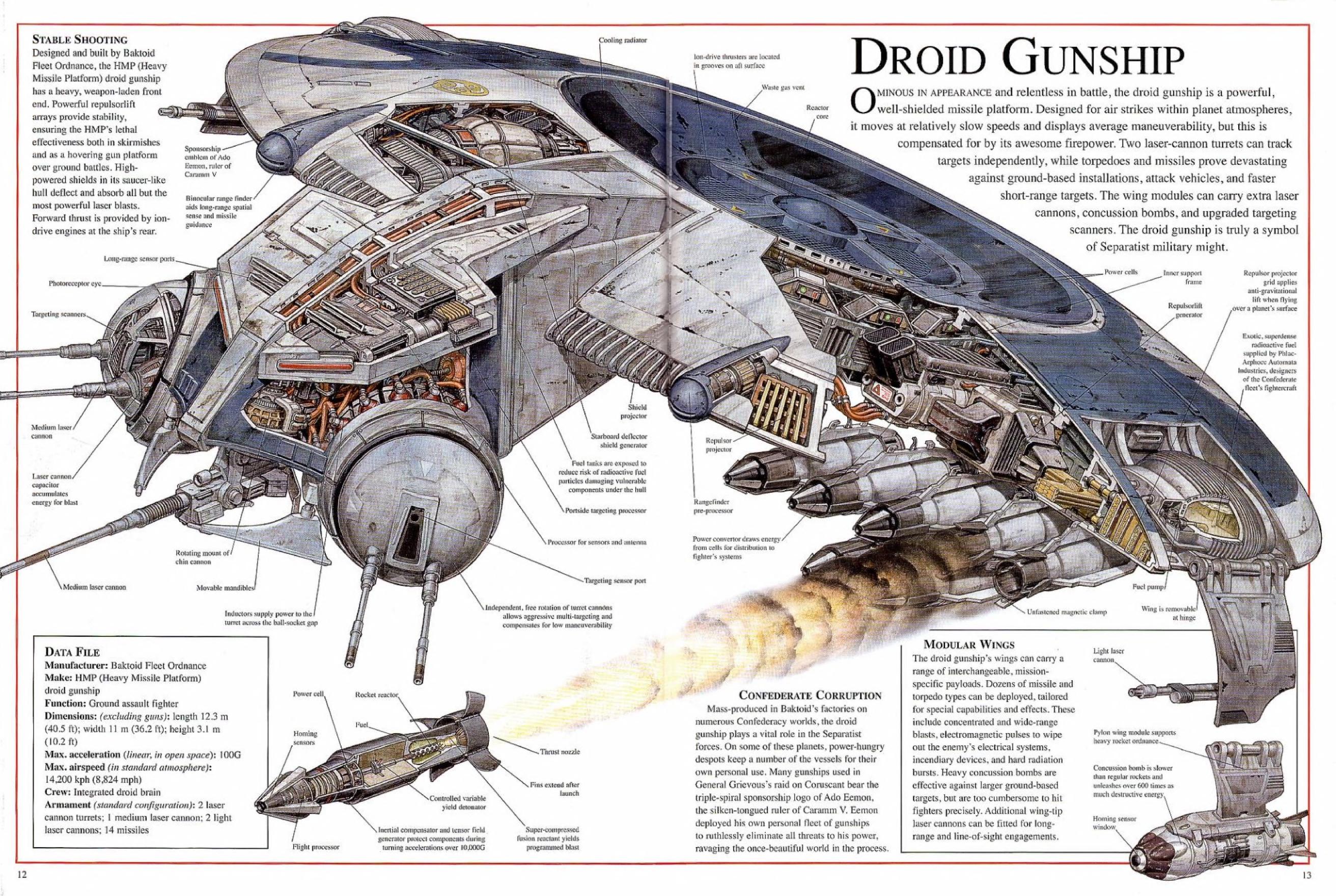
Powerful oscillations of unified energy fields build .

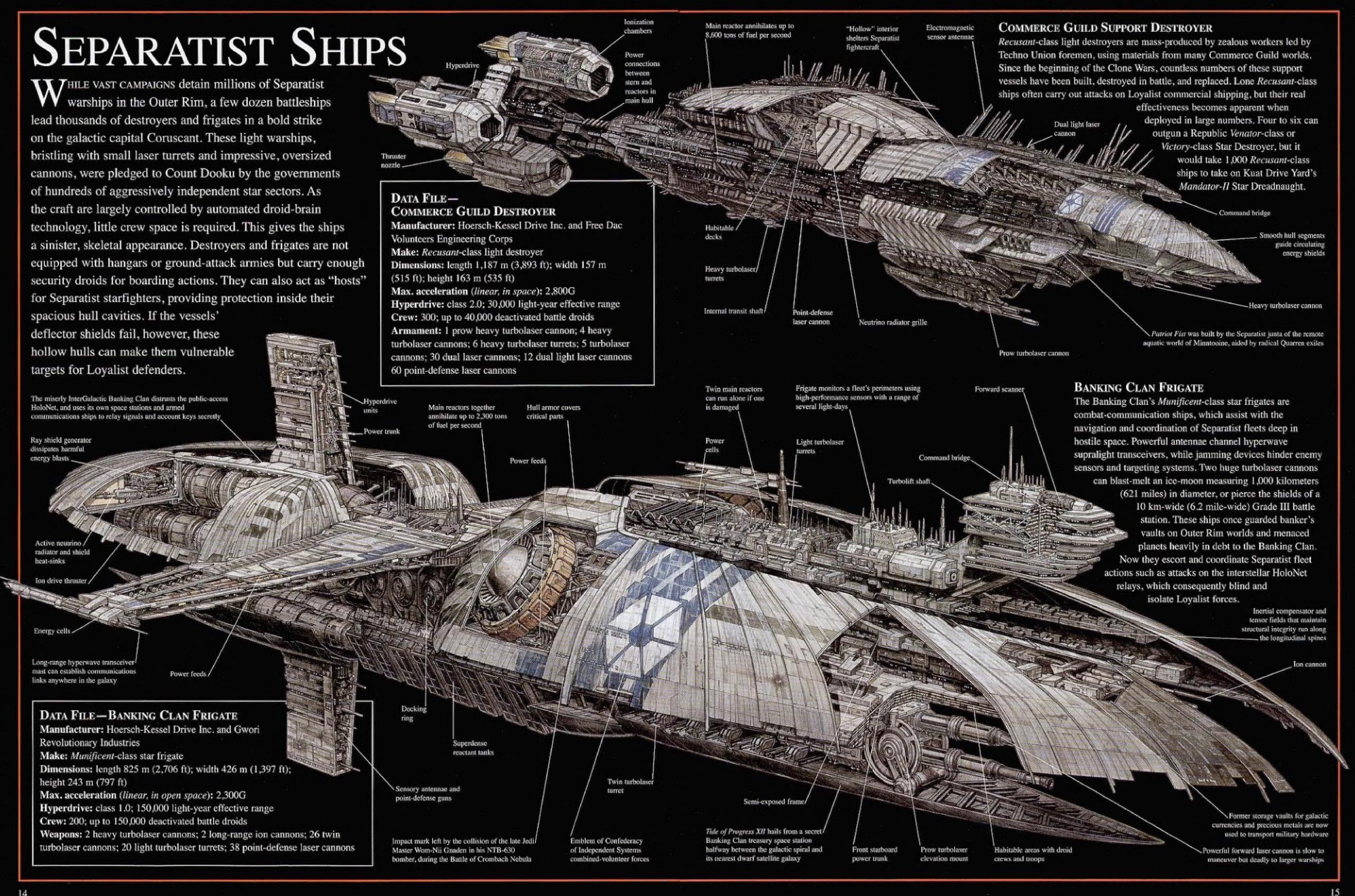
Sturdy structural casing

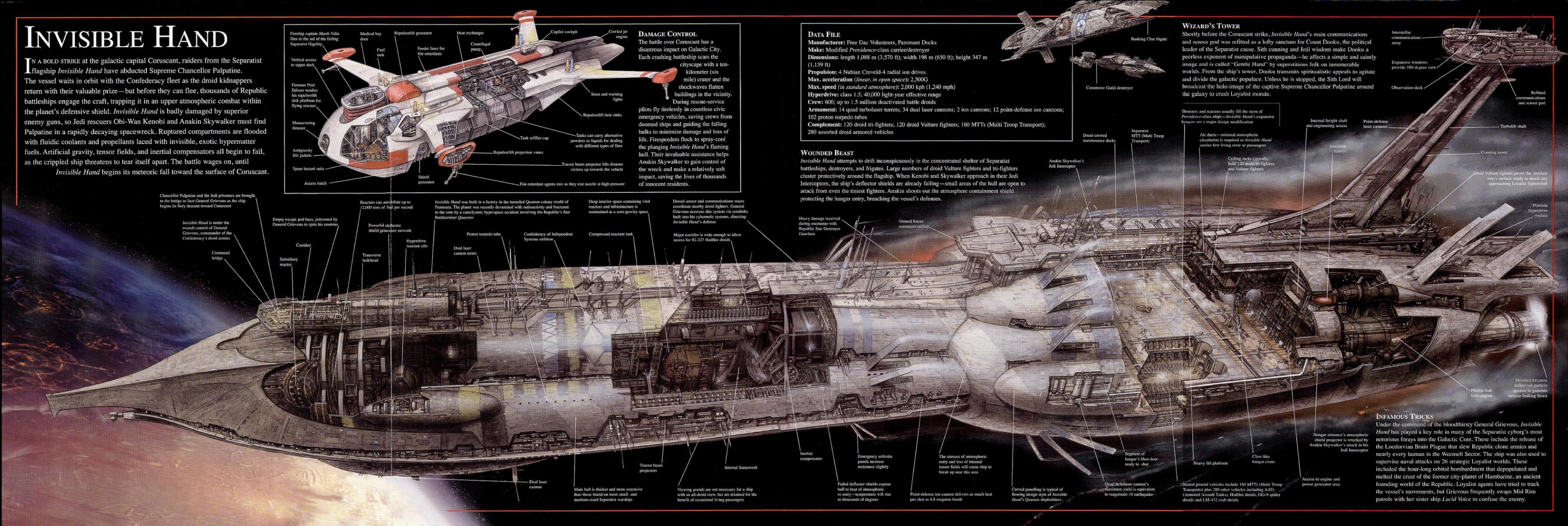
beam intensity inside the resonance chamber

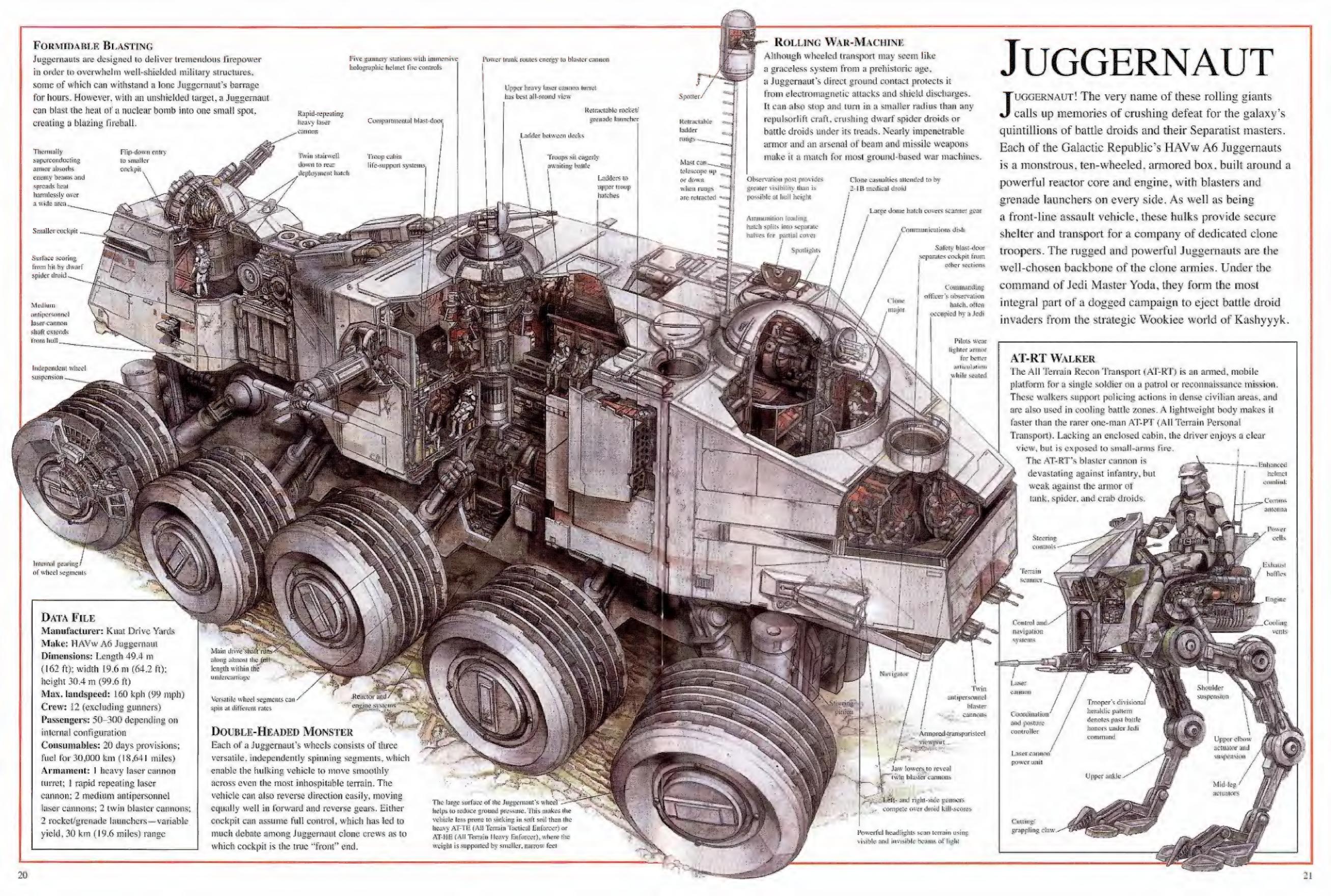












UTAPAUN P-38 FIGHTER

THE REMOTE PLANET Utapau, located in the distant Tarabba Sector, relies on the sturdy Porax-38 ▲ (P-38) starfighter for defensive and offensive engagements. These tough, hyperdrive-equipped. fightercraft have interstellar range and are fitted with highly effective, long-distance sensor systems that provide early warning of enemy activity. Versatile thrusters, dual-reactor systems, and high-capacity deflector shielding make them a valuable asset for any starfleet. When Tion Medon, the Master of Utapau Port Administration, realizes that General Grievous's Separatist forces are about to land on the planet, he orders his outgunned P-38 forces into hiding. However, with the arrival of General Kenobi and the hope of Loyalist military intervention, Medon recalls his pilots from their concealed hangars and the cold depths of space, in a frantic, fiery bid for freedom.

Each wing reactor

3.1 kg of fuel

Heat-sink fluid may be damped into the thrust stream in un emergency-the ensuing reaction yields explosive but dangerously unstable) additional thrust High-capacity heat exchanger cools engine

Power distributor draws and stores energy from wing reactor and regulates power to nearby components Heat-sink cells for

Static spikes

High-power

taser cannon

Links between starboard

Forward scanners-

commiscan systems

deflector shields

Deflector

Fuel tank

Small navicomputer can be loaded with charts for local sector only

Hyperdrive

Life support

direct thrust up or down for pitch

Thruster branch vents

Numerous Mankvim-814 interceptors flock to defend the Separatist foothold on Utapau. The Techno Union built these small, short-range starfighters on the planet from local materials. It hastily constructed factories in the ancient Grand Halls with no regard for Utapau's architectural heritage. The Mankvim's simple construction centers on a reactor feeding power and plasma to a high-velocity ion-drive. A magnetized rudder tilts the ion flow for off-axis thrust, while smaller

side thrusters aid roll and yaw adjustments.

TECHNO UNION STARFIGHTER

The craft is equipped with twin rapid-fire laser cannons and durable shields for combat. Aerodynamic wings fitted with repulsorlifts aid

overall maneuverability.

Deflector shield generator lon acceleration chambe Ion-drive thruster Articulation thrust-vectoring acredynamic lift in ubsonic atmospheric flight

Utai Air Commodore Senin Vant leads the bi-

Breath mask and

Heraldic motif of the "Sepulchral Ruby has a forgotten meaning, as it dates from on Utapau 57,000 years ago

Rangefinderstargeting

Data buffers

amming device

with liquid

to energise laser.

Symmetrical power feeds -

Resonance and beam-amplification chamber _ Inertial compensator band -

Tibanna coolant recycler feeds,

HOME FORCE

The Trade Federation protects its position in remote galactic regions by placing embargoes on arms sales to planetary governments. As a result, Utapauns rely upon selfmade, downscaled ships-their biggest anti-pirate Rendili Dreadnaught is one-fifth of the size of a Trade Federation Battleship, Lacking a heavy navy, Utapauns deploy a rugged and potent starfighter force. Their large P-38 fighters are capable of independent hyperspace jumps, which enables them to defend the security of Utapau far into the Tarabba Sector. The interstellar range of these ships means they can endure longer, more arduous missions than tiny, fleet-based craft such as Separatist droid fighters, Republic V-wings, and Jedi starfighters.

RECLAIMING UTAPAU

Incrital compensator applies

force fields to counter

Utapauns live on an eerie world of wind, bones, and caves far from Tarabba Prime, the nearest major shipping and communications hub. The planet is shared by two humanoid species, the Utai and the Pau'ans, known collectively as Utapauns. Utapau's only asset is its obscurity, which General Grievous exploits to keep his new headquarters a secret from Republic forces. When the Utapauns

decide to fight back against the Separatist occupation, local knowledge and the P-38's advanced scanner systems give them a sharp advantage in high-speed chases through the treacherous canyon terrain. Powerful jammers also prove surprisingly effective at interfering with Separatist droid control signals. Any droids within targeting range are isolated, and must rely on their built-in, low-intelligence individual droid-brains.

DATA FILE—UTAPAUN STARFIGHTER

Manufacturer: Buuper Torsckil Abbey Devices

Make: Porax-38 (P-38) starfighter

Dimensions: length 12.7 m (41.7 ft); width 12.88 m (42.3 ft);

height 2.71 m (8.9 ft)

Max. acceleration (linear, in open space): 3.300G

Max. airspeed (in standard atmosphere): 61.000 kph (37, 905 mph)

Hyperdrive: class 2; 3,000 light-year effective range

Consumables: 20 days air, fuel, and food

Crew: 1

Flight instruments

Smear and dent from

lying squid during an

unshielded joynde

before Separatist

Armament: 2 laser cannons

DATA FILE—TECHNO UNION STARFIGHTER

Manufacturer: Feethan Ottraw Scalable Assemblies

Make: Mankvim-814 light interceptor

Dimensions: length 10.7 m (35 ft); width 6.46 m (21.2 ft):

height 3.45 m (11.3 ft)

Max. acceleration (linear, in open space): 3,400G

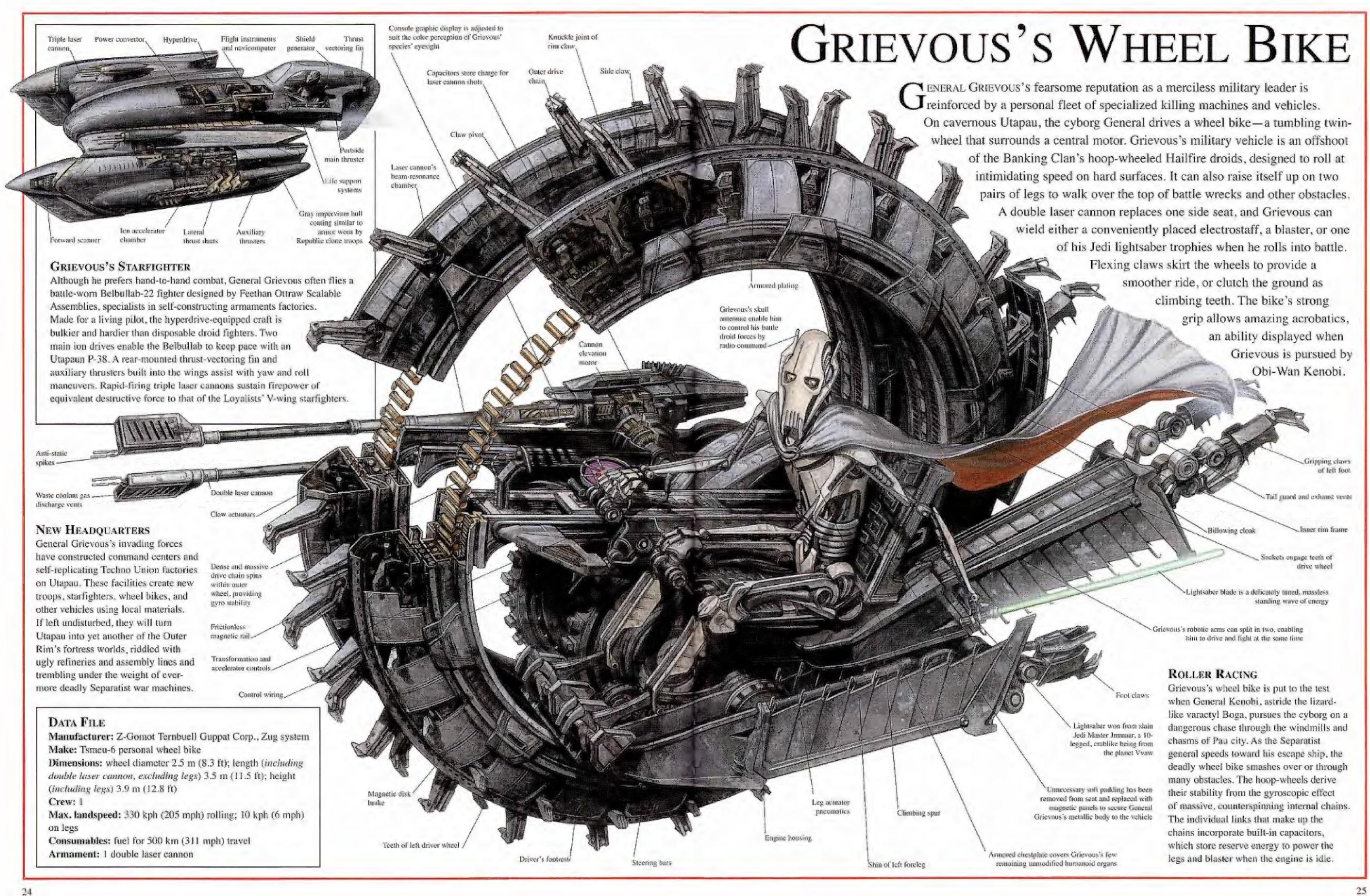
Max. airspeed (in standard atmosphere): 62,000 kph (37,905 mph)

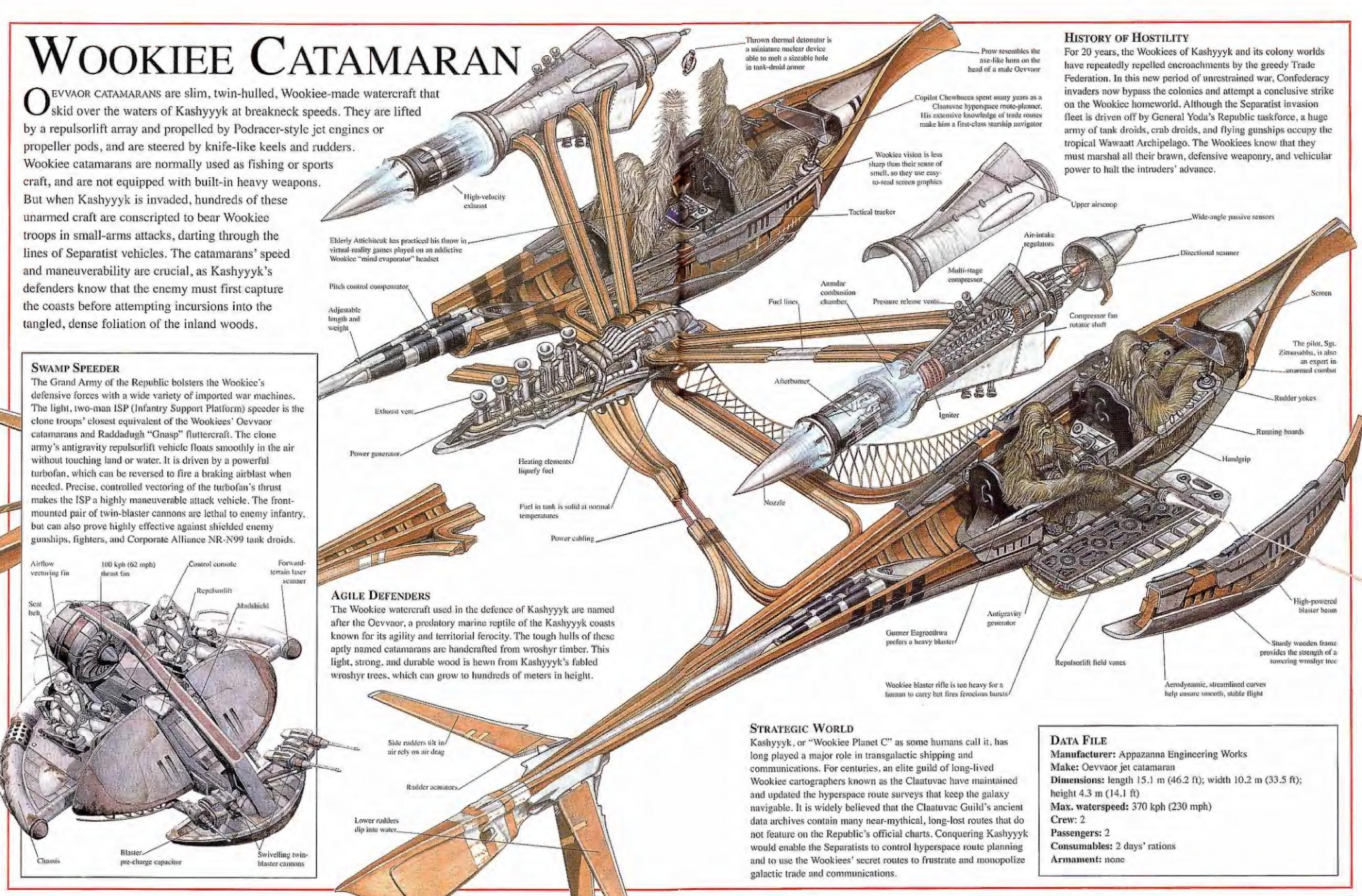
Hyperdrive: none

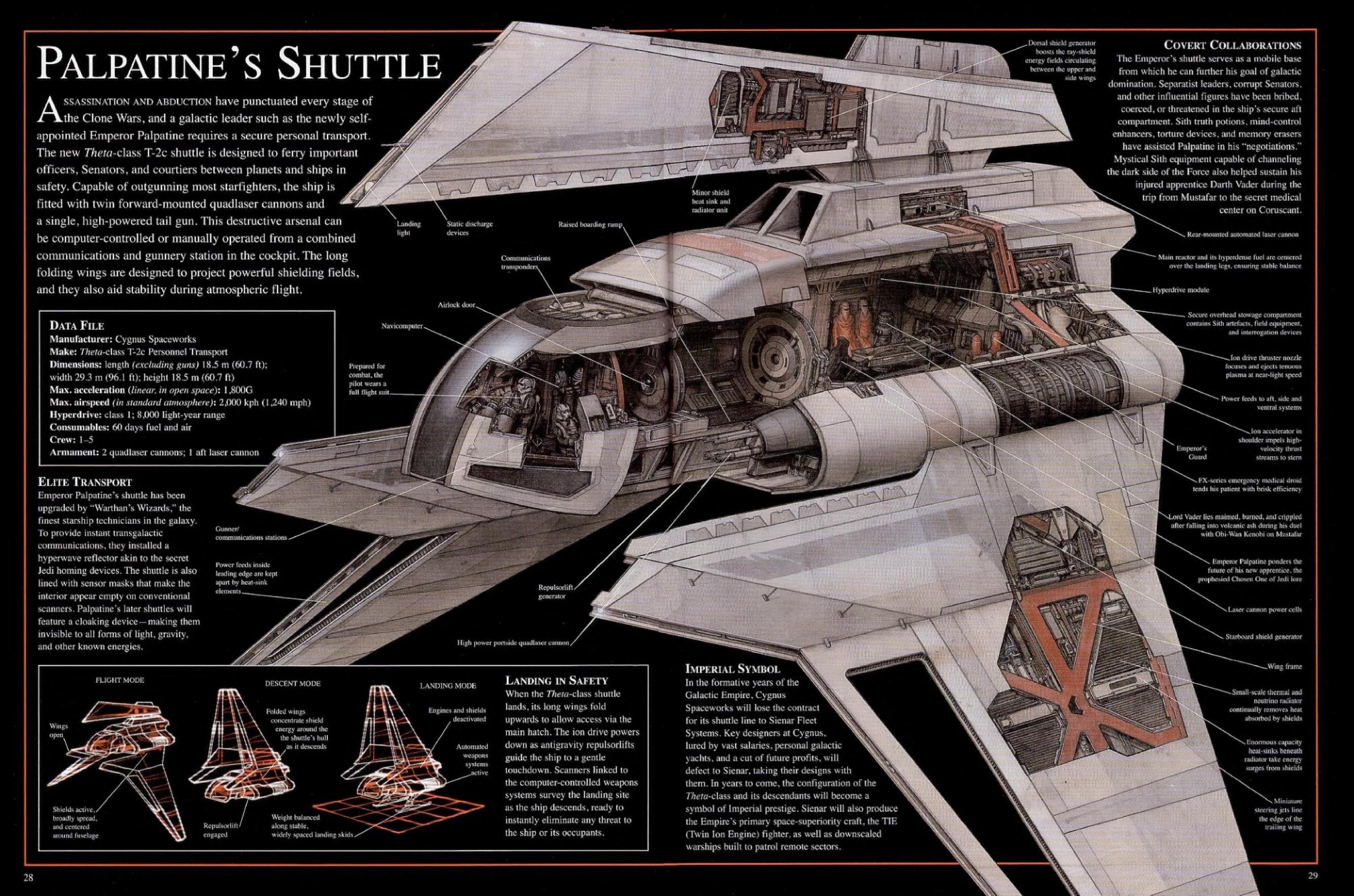
Consumables: 2 hours fuel

Crew: 1

Armament: 2 laser cannons









A N ESCAPE POD is designed for just one thing: to carry a living being away from danger as quickly as possible. These basic craft roar and shake through the air, propelled by simple ion engines, while the occupant's ride is smoothed by inertial compensators and antigravity fields. In his escape from the forces of Emperor Palpatine's newly formed Galactic Empire, Jedi Master Yoda resorts to these devices twice in the space of one week.

Yoda's first pod is a simple, Wookiee-made vessel that lifts him away from danger on Kashyyyk. His second craft, which carries him into exile on Dagobah, is a more sophisticated lander from Polis Massa. The pod can guide itself to an upright landing

and touch down on its four folding legs.

Reactor/ionization chambe

Casing rings of thrusters will be

cannibalised to perform a useful function in a makeshift dwelling,

Engine's maximum thrust is

Ion acceleration chamber.

in dark conditions

300G, slow even for a civilian ship,

A HIDDEN SANCTUARY

After discovering the disappearance of the planet Kamino from Jedi navigational charts at the beginning of the Clone Wars, Yoda discreetly scanned for other gaps. Throughout the entire galaxy, he detected 37 more "missing" star systems. He found amazing strategic resources in some, while he met fiendish foes in others. With the dark side of the Force ever more pervasive, Yoda chose to keep one lost planet, Dagobah, as his private secret. In so doing, he was able to out-manipulate the phantom menace responsible for deleting the Jedi files. By adopting Dagobah as his hiding place, Yoda now awaits a new hope for the galaxy in safe, if lonely, isolation.

Fuel tanks are almost empty if reactant and propellant

Leg articulation socket

Rations and survival gear

Distress beacon, already

deactivated by Yoda-

Seats are designed to be a comfortable size for an average

Optical sensor window

ensor processor and guidance computer

accommodate a

seat restraint

Control panel

Awkwardly-adjusted

Yoda, the fugitive victor of

the Battle of Kashyyyk

Curved stabiliser fins

ensure a stable, rifled

ascent through the air

Sturdy construction of

heatproof hull reflects

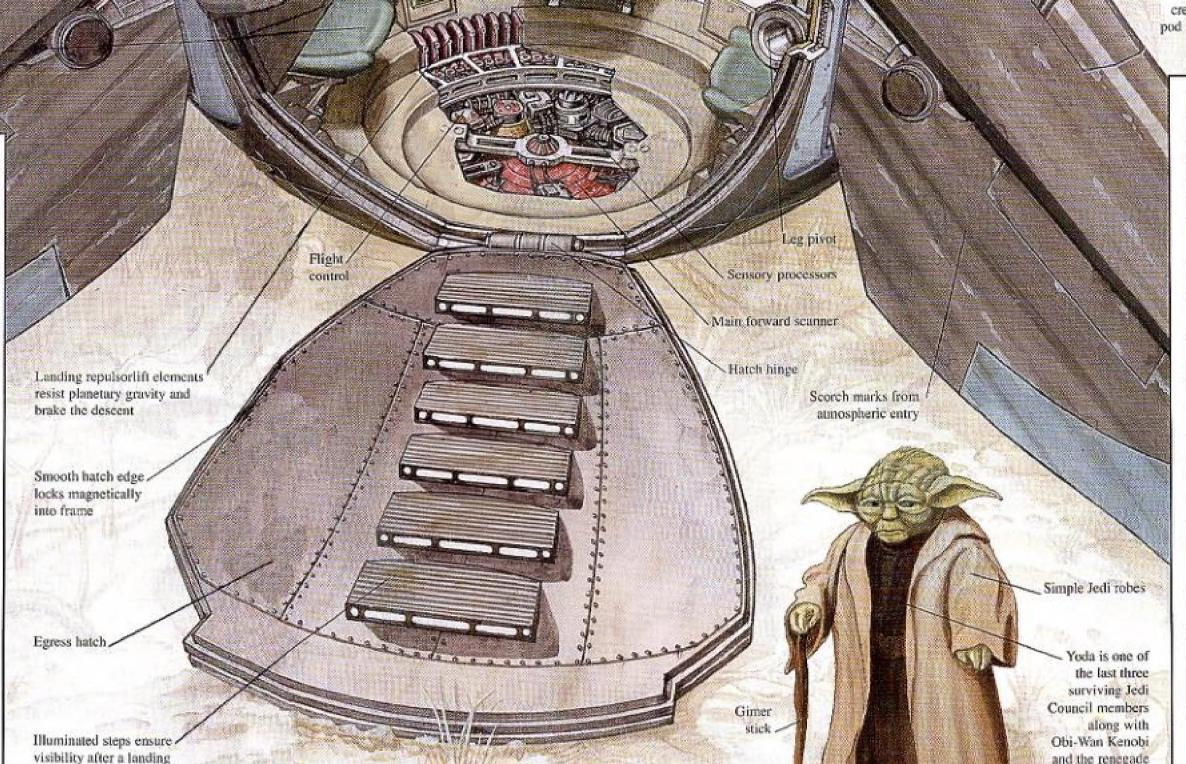
practicality of Wookiee design

Reactor

Chruster nozzle



With invading Separatist droids overrunning the forests and lagoons of Kashyyyk, Wookiee defenders prepared thousands of hidden escape pods for last-resort evacuation. General Yoda, in victorious yet unforeseeable circumstances, used the first pod. Its three sublight thrusterscobbled together from three shipwrecks-contain just enough fuel to bear him safely into interplanetary space. Yoda deactivates his pod's telltale distress beacon, relying solely on his Jedi emergency transmitter. This pocket gadget reflects a tiny fraction of the supralight signals beamed between the Republic's public HoloNet relays. Encrypted modulation of these reflected signals transmits the owner's ID and location. Alderaanian agents searching for surviving Jedi on Coruscant intercept Yoda's call, leading Senator Bail Organa to his rescue.



power cell

DERELICT TRANSPORT

To begin his self-imposed exile on Dagobah, Yoda stowed away aboard an automated Polis Massan-registered super-freighter. Carrying grain to starving inhabitants of the Separatist stronghold of Sluis Van, the ship briefly dropped out of hyperspace just outside Dagobah's solar system. Launching his escape pod undetected and unrecorded, Yoda headed for his gloomy new home. With no hyperdrive for a return journey, the teeming jungle will ruin the redundant vehicle within a year. The resourceful Jedi will incorporate some parts into a crude but homely new dwelling. Hand-built from mud, gnarltree, wattle and stones, the hut will make use of the pod's hull plates as a foundation for the floor. Thruster rings will form door and window frames, while elements from the artificial-gravity compensators will provide illumination.

> Terrain telemetry processor aids balance

Foot articulation

linkage

Inertial compensators create a field that screens pod interior from effects of

Restraint /tractor field elements hold occupant

violent accelerations

Electromagnetic clamp locks sliding elements

and touchdown

DATA FILE-KASHYYYK POD

Manufacturer: Uurbahhahvoovv Joiners & Artisans

Make: homemade evacuation pod Dimensions: diameter 2.3 m (7.5 ft);

height 3.4 m (11.1 ft)

Max. acceleration (linear, in open space): 140G

Max. airspeed (during descent): over 70,000 kph (43,497 mph)

Hyperdrive: none

Passengers: 1

Consumables: 1 week's food and air

DATA FILE—DAGOBAH POD

Manufacturer: His Grace the Duke Gadal-Herm's Safety Inspectorate Dimensions: diameter 3.5 m (11.5 ft); length (legs retracted) 4 m (13.1 ft) Make: E3-standard starship lifeboat Max. acceleration (linear, in open

space): 300G Max. airspeed (during descent):

over 40,000 kph (24,856 mph) Hyperdrive: none

Passengers: 3

and the renegade

Darth Vader

Consumables: 4 weeks' food and air



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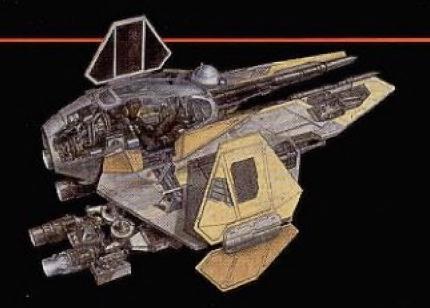
JON HALL created the digital schematic for Palpatine's Shuttle.

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administration of my home in the online community.





REVENGE OF THE SITH INCREDIBLE CROSS-SECTIONS

THE DEFINITIVE GUIDE TO THE CRAFT FROM STAR WARS: EPISODE III

This unique visual guide shows all the major spaceships and vehicles from *Revenge of the Sith* in amazing depth, peeling back the layers to reveal cockpits, engines, hyperdrives, construction secrets, and much more. The fascinating, wide-ranging text provides context, back stories, and history, while informative labels point out all the details in the artwork.

In addition, a lavish, four-page gatefold supplies a breathtaking overview of the Separatist flagship—the setting for Anakin and Obi-Wan's thrilling battle to rescue Supreme Chancellor Palpatine from the evil clutches of the cyborg General Grievous.

See

The critically damaged Separatist flagship's fiery descent toward Coruscant • the Republic's formidable fleet of Jedi Interceptors, Star Destroyers, ARC-170s, and V-wings • Chewbacca's high-speed catamaran racing into battle on the Wookiee homeworld

Discover

How buzz droids are deployed from Confederacy tri-fighters • the intimidating firepower of the droid gunship • the Sith secrets of Palpatine's Imperial shuttle

Explore

Fearsome armored Juggernauts • General Grievous's deadly wheel bike • Yoda's escape pods • Utapau P-38 fighters • Clone-troop swamp speeders • and much more!







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